

WHAT IS CLAIMED IS:

1. A printing apparatus for printing on a printing medium using a printhead, comprising:  
5 an interface which is connected to a host and receives information from the host;  
a memory for storing characteristic information of the printhead;  
discriminating means for discriminating whether or not a command sent from the host is a command including the characteristic information of the printhead;  
10 write control means for controlling to write the characteristic information of the printhead into said memory in accordance with a discrimination result of said discriminating means; and  
15 printing control means for controlling the printhead to print in accordance with the characteristic information written into said memory.

20 2. The apparatus according to claim 1, wherein the characteristic information includes type information of the printhead, and  
said write control means controls to write the characteristic information of the printhead for each  
25 type of printhead.

3. The apparatus according to claim 1, wherein the printhead is a printhead detachable from a printing apparatus main body, and is a printhead attached to said printing apparatus by selecting from plural types 5 of printheads by a user.

4. The apparatus according to claim 1, wherein said discriminating means includes means for receiving a command outputted from the host to which the 10 characteristic information of the printhead indicated on the printhead or an accessory of the printhead in a format identifiable to human or an electronic device is inputted by man-machine interactive operation or the electronic device.

15 5. The apparatus according to claim 1, wherein the printhead is an inkjet printhead for printing by discharging ink.

20 6. The apparatus according to claim 5, wherein the inkjet printhead comprises an electrothermal transducer for generating heat energy to be given to ink so as to discharge ink by utilizing the heat energy.

25 7. The apparatus according to claim 1, wherein said memory includes an EEPROM.

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8. The apparatus according to claim 1, wherein the command sent from the host is a command outputted from the host which is externally instructed or receives an instruction.

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9. The apparatus according to claim 4, wherein the format identifiable to human is at least one of a digit and a character string.

10 10. The apparatus according to claim 4, wherein the format identifiable to an electronic device is a barcode.

11. The apparatus according to claim 4, wherein the 15 indication in a format identifiable to human or an electronic device is a described, adhered or formed indication.

12. A printing system including a printing apparatus 20 according to claim 1, and a host connecting to the printing apparatus and capable of communicating with a second system via a network, said host comprising:  
input means for inputting individual information of a printhead indicated on the printhead or an 25 accessory of the printhead in a format identifiable to human or an electronic device via man-machine interactive operation or the electronic device;

5 retrieve means for accessing to the second system via the network on the basis of the individual information of the printhead inputted by said input means, and retrieving characteristic information of the printhead corresponding to the individual information of the printhead; and

10 transfer means for transferring the characteristic information of the printhead retrieved by said retrieve means to the printing apparatus.

13. The printing system according to claim 12, wherein the network includes a LAN or Internet.

14. The printing system according to claim 12, 15 wherein the individual information of the print head is a production number of the printhead.

15. The printing system according to claim 12, 20 wherein said second system has a database in which information is retrievable via the network, and the database holds characteristic information of the printhead corresponding to the individual information of the printhead.

25 16. The printing system according to claim 12, wherein the format identifiable to human is at least one of a digit and a character string.

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17. The printing system according to claim 16,  
wherein said input means inputs said at least one of  
the digit and character string by the man-machine  
5 interactive operation.

18. The printing system according to claim 12,  
wherein the format identifiable to the electronic  
device is a barcode.

10 19. The printing system according to claim 18,  
wherein the electronic device is a barcode reader.

20. The printing system according to claim 12,  
15 wherein the indication in a format identifiable to  
human or an electronic device is a described, adhered  
or formed indication.

21. A printhead to which information is appended,  
20 wherein the information is inputted to a host computer,  
which transmits print information to a printing  
apparatus to which said printhead is mounted for  
printing, so as to output characteristics information  
of said printhead based on the information to the  
25 printing apparatus.

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22. An accompanying material to which information is appended, wherein the material is accompanied with a printhead, the information is inputted to a host computer, which transmits print information to a  
5 printing apparatus to which said printhead is mounted for printing, so as to output characteristics information of said printhead based on the information to the printing apparatus.

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